## ABSTRACT OF THE DISCLOSURE

A pressure-sensitive adhesive sheet for removal of a solvent-containing substance, the sheet comprising a substrate and a pressure-sensitive adhesive layer, formed at least on one side of the substrate. In one embodiment, the pressure-sensitive adhesive layer absorbs  $5~g/m^2$  or more of a solvent contained in the substance to be removed when the pressure-sensitive adhesive sheet is immersed in the solvent for 1 second, and wherein the pressure-sensitive adhesive sheet after absorbing  $5g/m^2$  of the solvent has a tackiness of 3 cN/25-nm or more as determined by a method in conformity with Japanese Industrial Standards (JIS) Z 0237. In another embodiment, the adhesive layer absorbs 20  $g/m^2$  or more of a solvent contained in the substance to be removed when the adhesive sheet is immersed in the solvent for 3 minutes.